

KANSAS

GRAIN TRANSPORTATION

DATA FOR 2000 CROP
AND
HISTORICAL DATA 1989-1992 and 1997-1999



KANSAS
AGRICULTURAL
STATISTICS SERVICE

Fact Finding
For Agriculture

Kansas Department of Agriculture
U.S. Department of Agriculture

KANSAS GRAIN TRANSPORTATION

DATA FOR 2000 CROP

AND

HISTORICAL DATA 1989-1992 and 1997-1999

COMPILED BY
KANSAS AGRICULTURAL STATISTICS SERVICE

In Cooperation With

U.S. Department of Agriculture
National Agricultural Statistics Service

Kansas Department of Agriculture
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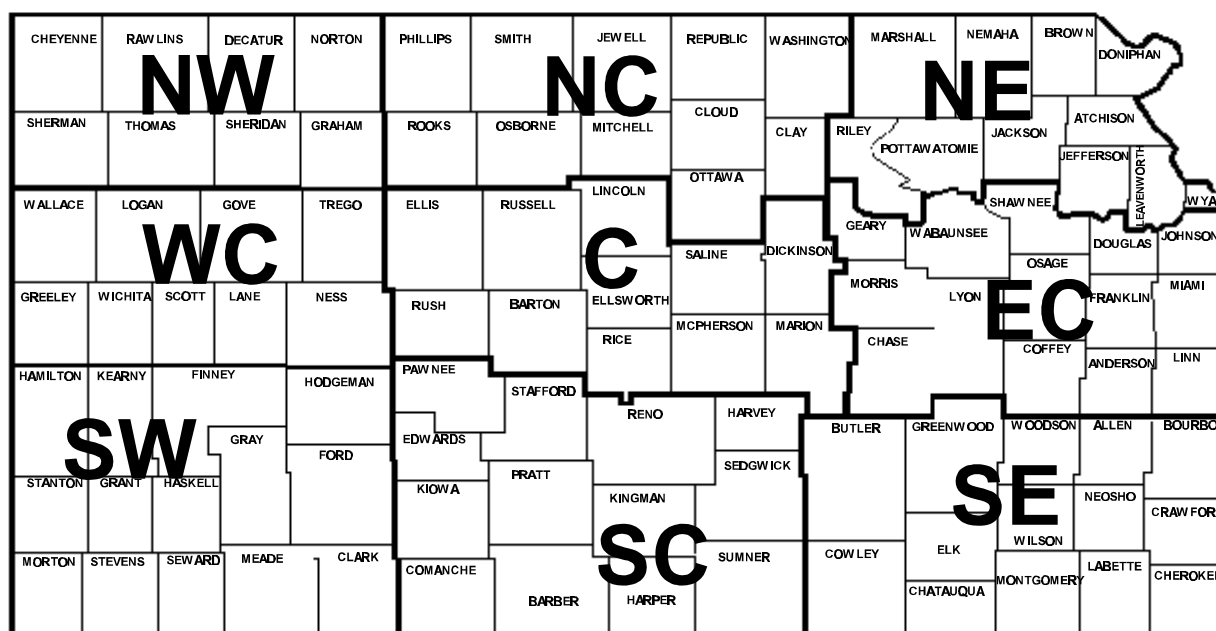
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FOREWORD

This report contains the summary of data reported by Kansas elevator operators in response to the Grain Transportation Survey. It provides basic information on the transportation of the four major grain crops harvested in Kansas during 2000—wheat, corn, sorghum, and soybeans. Historical data for crop years 1989-1992 and 1997-1999 are also included for comparison purposes. A survey of this type was not conducted for the years 1993-1996. We welcome comments about these data, the presentation of the reports, and other areas that need exploration.

Special thanks are due to the more than 160 elevator operators who took time to report the data in this publication. Our appreciation also goes to David Frey, Administrator, Kansas Wheat Commission; Dusti Fritz, Assistant Administrator, Kansas Wheat Commission; Tom Meyer, President, Kansas Grain Inspection Service, Inc.; and Tom Tunnell, President, Kansas Grain & Feed Association for their advice and assistance in defining survey content and designing the questionnaire. Funds for this survey are provided by the wheat, corn, sorghum, and soybean commissions in cooperation with the Statistics Division, Kansas Department of Agriculture.

KANSAS AGRICULTURAL STATISTICS DISTRICTS



Kansas is divided into nine agricultural statistics districts for convenience in compiling and presenting statistical information on crops and livestock. These nine districts are outlined on the above map. The districts are designated as follows: Northwest (**NW**), West Central (**WC**), Southwest (**SW**), North Central (**NC**), Central (**C**), South Central (**SC**), Northeast (**NE**), East Central (**EC**), and Southeast (**SE**).

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INTRODUCTION - GRAIN PRODUCTION

Agriculture is one of Kansas' most important industries, of which grain production is a major component. Kansas ranked first in the nation in 2000 wheat production with a State crop of over 347 million bushels. Production of grain sorghum in Kansas also ranked number one in the U.S. with over 188 million bushels produced. Kansas had significant production of corn and soybeans in 2000 and ranked eighth in U.S. corn production and thirteenth in U. S. soybean production.

Final 2000 acreage, yield, and production of wheat, corn, sorghum for grain, and soybeans are presented by Agricultural Statistics Districts in the table below to aid in interpreting the data presented in this report.

KANSAS GRAIN PRODUCTION SUMMARY, 2000 CROP

District	Acres Harvested, (000)	Yield Per Acre, Bu.	Production, Bu. (000)	Acres Harvested, (000)	Yield Per Acre, Bu.	Production, Bu. (000)
	Wheat			Corn		
NW	1,055	32	34,110	557	104	58,160
WC	1,160	33	38,420	282	97	27,170
SW	1,450	36	52,430	894	176	157,110
NC	1,225	39	47,345	212	89	18,945
C	1,510	40	60,480	111	114	12,645
SC	2,120	37	79,000	354	146	51,745
NE	187	44	8,265	405	125	50,720
EC	198	40	8,000	222	94	20,785
SE	495	40	19,750	133	111	14,820
STATE	9,400	37	347,800	3,170	130	412,100
	Sorghum			Soybeans		
NW	152	49	7,378	48	35	1,663
WC	321	58	18,577	24	26	634
SW	523	51	26,546	87	45	3,928
NC	529	46	24,219	270	18	4,894
C	527	62	32,665	186	21	3,840
SC	550	60	32,937	257	34	8,779
NE	185	87	16,016	609	22	13,616
EC	144	65	9,288	541	12	6,395
SE	269	79	21,174	478	13	6,251
STATE	3,200	59	188,800	2,500	20	50,000

GRAIN HANDLING AND TRANSPORTATION

Continual changes in the grain industry and related service industries present numerous challenges for commodity producers and grain companies in determining how to manage the handling and transport of grain. Many of the changes that occur impact not only how business will be conducted but may also affect the very viability of the companies involved.

To gain a better understanding of the present methods used to handle and transport Kansas grain, a survey of all Kansas elevators was conducted in 2001. The survey collected information about the receipts and shipments of the four major grains produced in Kansas and targeted the collection of information that describes practices such as grading, sampling, processing, and utilization of rail services. Since the marketing years for wheat, corn, sorghum grain, and soybeans do not coincide, information was obtained for the twelve-month period beginning June 1, 2000 and ending May 31, 2001.

The tables in this section of the report present data at the Agricultural Statistics district and State levels. For this survey, Kansas grain handlers were broken into three size groups: small country houses, large country houses, and terminals. Small country houses are non-terminal elevators with less than 1.5 million bushels of storage capacity. Large country houses are non-terminal elevators with capacities of 1.5 million bushels or more. Terminals receive most of their grain from other elevators. All country elevators, terminals, and oilseed crushers were contacted by mail. Those not responding were then contacted by telephone.

RECEIPTS AND SHIPMENTS

Elevators continue to receive most of their grain by truck. For the 2000 crop, truck receipts accounted for 91 percent of the grain received by elevators in Kansas. Truck receipts were dominant at all types of elevators. Truck receipts represented 90 percent of total receipts at small country elevators, large country elevators received 96 percent, and terminal elevator grain receipts were 84 percent by truck.

Most of the grain received at country elevators came directly from farmers. For the 2000 grain crops, 67 percent of all grain receipts came directly from farmers. For small country elevators, 70 percent of all grain receipts came directly from farmers. Large country elevators had 85 percent direct shipments from farmers, but receipts from farmers accounted for only 28 percent of terminal receipts.

Grain shipments were almost evenly split between rail and truck. Fifty-one percent of grain shipments were by rail while truck shipments represented 49 percent. Rail transportation, at 66 percent, dominated wheat shipments. Seventy-nine percent of all corn was shipped by truck, followed by soybeans at 54 percent, sorghum grain at 50 percent, and 34 percent for wheat.

**ALL GRAIN RECEIVED AT AND SHIPPED FROM KANSAS ELEVATORS
BY DISTRICT, BY TRANSPORT MODE
JUNE 1, 2000-MAY 31, 2001**

District/ Type of Elevator	Rail	Truck	From Farmers <u>1/</u>	Origin Outside Kansas	Rail	Truck	Barge	Unit Train <u>2/</u>
	Percent of Total Receipts				Percent of Shipments			
NW	-	100	100	6	47	53	-	18
WC	-	100	98	3	45	55	-	33
SW	-	100	69	10	47	53	-	31
NC	-	100	98	1	57	43	-	11
C	12	88	57	5	59	41	-	53
SC	8	92	60	3	54	46	-	43
NE	16	84	63	29	67	33	-	36
EC	28	72	30	20	11	89	-	-
SE	15	85	82	4	7	93	-	-
State	9	91	67	10	51	49	-	35
Sm Ctry Houses	10	90	70	9	29	71	-	12
Lrg Ctry Houses	4	96	85	7	37	63	-	20
Terminals	16	84	28	16	98	2	-	83

See footnotes at bottom of page.

**ALL GRAIN RECEIVED AT AND SHIPPED FROM KANSAS ELEVATORS 3/ 4/
BY YEAR, BY TRANSPORT MODE**

Crop Year	Rail	Truck	From Farmers <u>1/</u>	Origin Outside Kansas	Rail	Truck	Barge	Unit Train <u>2/</u>
	Percent of Total Receipts				Percent of Total Shipments			
1989	19	81	79	10	60	39	1	21
1990	20	80	80	11	59	41	-	23
1991	13	87	80	8	57	43	*	27
1992	17	83	74	9	57	43	<u>5/</u>	18
1997	4	96	77	5	42	58	-	28
1998	5	95	90	4	39	61	-	24
1999	6	94	76	8	44	56	*	28
2000	9	91	67	10	51	49	-	35

1/ Percent of truck receipts which were received from farmers. 2/ Also included in Rail. 3/ No data collected in 1993-1996. 4/ For years prior to 1997, the data applied to July-June periods. 5/ Data not collected in 1992. * Less than .5 percent.

GRAINS RECEIVED AT KANSAS ELEVATORS
BY DISTRICT, BY TRANSPORT MODE
JUNE 1, 2000-MAY 31, 2001

District/ Type of Elevator	Rail	Truck	From Farmers <u>1/</u>	Origin Outside Kansas	Rail	Truck	From Farmers <u>1/</u>	Origin Outside Kansas
Percent of Total Receipts								
	Wheat				Corn			
NW	-	100	100	6	-	100	100	8
WC	-	100	97	4	-	100	100	6
SW	-	100	51	10	-	100	96	12
NC	-	100	98	-	-	100	99	1
C	13	87	47	7	-	100	95	1
SC	13	87	52	5	-	100	83	-
NE	64	36	75	34	-	100	59	31
EC	23	77	23	2	-	100	100	-
SE	26	74	64	4	-	100	97	1
State	13	87	59	7	-	100	87	12
Sm Ctry Houses	8	92	73	5	-	100	98	1
Lrg Ctry Houses	9	91	74	6	-	100	96	9
Terminals	25	75	15	11	-	100	43	37
	Sorghum				Soybeans			
NW	-	100	100	1	-	100	100	-
WC	-	100	100	-	-	100	100	-
SW	-	100	45	8	-	100	100	4
NC	-	100	99	3	-	100	99	2
C	13	87	66	-	-	100	100	-
SC	-	100	68	2	-	100	72	-
NE	-	100	68	16	-	100	61	33
EC	-	100	100	-	33	67	20	29
SE	-	100	100	7	-	100	100	4
State	3	97	71	5	21	79	46	24
Sm Ctry Houses	-	100	75	2	28	72	38	24
Lrg Ctry Houses	-	100	92	5	-	100	97	1
Terminals	9	91	37	7	-	100	42	38

1/ Percent of truck receipts which were received from farmers.

GRAINS RECEIVED AT KANSAS ELEVATORS 1/ 2/
BY YEAR, BY TRANSPORT MODE

Crop/Year	Rail	Truck	From Farmers <u>3/</u>	Origin Outside Kansas
Wheat	Percent of Total Receipts			
1989	19	81	79	5
1990	20	80	77	8
1991	16	84	74	5
1992	23	77	71	8
1997	6	94	74	4
1998	8	92	90	5
1999	10	90	70	7
2000	13	87	59	7
<hr/>				
Corn				
1989	13	87	90	15
1990	20	80	93	19
1991	5	95	90	10
1992	7	93	77	12
1997	1	99	93	3
1998	1	99	91	3
1999	1	99	92	8
2000	-	100	87	12
<hr/>				
Sorghum				
1989	19	81	81	11
1990	16	84	82	11
1991	12	88	86	9
1992	13	87	78	7
1997	3	97	76	3
1998	1	99	89	2
1999	-	100	76	3
2000	3	97	71	5
<hr/>				
Soybeans				
1989	22	78	59	27
1990	27	73	74	20
1991	10	90	81	15
1992	11	89	75	19
1997	7	93	54	23
1998	4	96	90	1
1999	14	86	57	20
2000	21	79	46	24

1/ No data collected in 1993-1996. 2/ For years prior to 1997, the data applied to July-June periods. 3/ Percent of truck receipts which were received from farmers.

**GRAINS SHIPPED FROM KANSAS ELEVATORS
BY DISTRICT, BY TRANSPORT MODE
JUNE 1, 2000-MAY 31, 2001**

District/ Type of Elevator	Rail	Truck	Barge	Unit Train ^{1/}	Rail	Truck	Barge	Unit Train ^{1/}
Percent of Total Shipments								
	Wheat				Corn			
NW	80	20	-	30	-	100	-	-
WC	76	24	-	56	-	100	-	-
SW	79	21	-	59	11	89	-	7
NC	67	33	-	7	37	63	-	4
C	69	31	-	60	1	99	-	-
SC	58	42	-	47	6	94	-	-
NE	34	66	-	34	78	22	-	58
EC	-	100	-	-	29	71	-	-
SE	10	90	-	-	1	99	-	-
State	66	34	-	47	21	79	-	13
Sm Ctry Houses	32	68	-	14	7	93	-	-
Lrg Ctry Houses	67	33	-	39	6	94	-	2
Terminals	99	1	-	92	97	3	-	73
	Sorghum				Soybeans			
NW	-	100	-	-	7	93	-	-
WC	-	100	-	-	-	100	-	-
SW	58	42	-	27	-	100	-	-
NC	45	55	-	22	11	89	-	-
C	56	44	-	55	1	99	-	-
SC	67	33	-	51	45	55	-	36
NE	46	54	-	38	76	24	-	-
EC	-	100	-	-	-	100	-	-
SE	6	94	-	-	3	97	-	-
State	50	50	-	36	46	54	-	8
Sm Ctry Houses	40	60	-	18	13	87	-	-
Lrg Ctry Houses	19	81	-	6	2	98	-	-
Terminals	97	3	-	92	94	6	-	19

^{1/} Included in rail.

GRAINS SHIPPED FROM KANSAS ELEVATORS 1/ 2/
BY YEAR, BY TRANSPORT MODE

Crop/Year	Rail	Truck	Barge <u>3/</u>	Unit Train <u>4/</u>
Wheat	Percent of Total Receipts <u>5/</u>			
1989	69	30	1	22
1990	63	37	-	28
1991	65	34	*	28
1992	68	32		32
1997	53	47	-	36
1998	47	52	-	29
1999	53	47	-	34
2000	66	34	-	47
Corn				
1989	32	68	*	11
1990	38	62	-	8
1991	20	80	*	8
1992	33	67		11
1997	13	87	-	4
1998	21	79	-	18
1999	28	72	-	15
2000	21	79	-	13
Sorghum				
1989	64	36	*	27
1990	65	35	-	23
1991	58	42	-	32
1992	48	52		19
1997	43	57	-	33
1998	41	59	-	22
1999	43	56	1	27
2000	50	50	-	36
Soybeans				
1989	64	36	*	27
1990	65	35	-	23
1991	58	42	-	32
1992	48	52		19
1997	43	57	-	33
1998	29	71	-	13
1999	45	53	2	34
2000	46	54	-	8

1/ No data collected in 1993-1996. 2/ For years prior to 1997, the data applied to July-June periods. 3/ Data not collected for 1992. 4/ Included in rail. 5/ May not equal 100 percent due to rounding. * Less than .5 percent.

WHEAT RAIL SHIPMENTS FROM ELEVATORS, BY NUMBER OF CARS

JUNE 1, 2000-MAY 31, 2001

District	Less Than 24 Cars	24-49 Cars	50 or More Cars
Percent of Shipments <u>1/</u>			
NW	100	-	-
WC	32	2	66
SW	10	19	70
NC	83	10	8
C	12	-	88
SC	26	42	32
NE	2	-	98
EC	-	-	-
SE	100	-	-
State	30	17	54
<hr/>			
Sm Ctry Houses	32	7	61
Lg Ctry Houses	61	17	22
Terminals	1	20	79

1/ May not equal 100 percent due to rounding.

CORN RAIL SHIPMENTS FROM ELEVATORS, BY NUMBER OF CARS

JUNE 1, 2000-MAY 31, 2001

District	Less Than 24 Cars	24-49 Cars	50 or More Cars
Percent of Shipments <u>1/</u>			
NW	-	-	-
WC	-	-	-
SW	-	66	34
NC	-	100	-
C	100	-	-
SC	61	39	-
NE	1	99	-
EC	100	-	-
SE	100	-	-
State	7	85	8
<hr/>			
Sm Ctry Houses	71	29	-
Lg Ctry Houses	14	86	-
Terminals	-	90	10

1/ May not equal 100 percent due to rounding.

SORGHUM RAIL SHIPMENTS FROM ELEVATORS, BY NUMBER OF CARS

JUNE 1, 2000-MAY 31, 2001

District	Less Than 24 Cars	24-49 Cars	50 or More Cars
Percent of Shipments <u>1/</u>			
NW	-	-	-
WC	-	-	-
SW	*	3	97
NC	34	61	6
C	1	2	98
SC	7	16	77
NE	29	71	-
EC	-	-	-
SE	100	-	-
State	8	18	74
<hr/>			
Sm Ctry Houses	7	19	74
Lg Ctry Houses	40	34	26
Terminals	1	14	85

1/ May not equal 100 percent due to rounding. * Less than .5 percent.

SOYBEAN RAIL SHIPMENTS FROM ELEVATORS, BY NUMBER OF CARS

JUNE 1, 2000-MAY 31, 2001

District	Less Than 24 Cars	24-49 Cars	50 or More Cars
Percent of Shipments <u>1/</u>			
NW	100	-	-
WC	-	-	-
SW	-	-	-
NC	-	100	-
C	100	-	-
SC	3	68	29
NE	29	71	-
EC	-	-	-
SE	100	-	-
State	24	70	7
<hr/>			
Sm Ctry Houses	88	12	-
Lg Ctry Houses	100	-	-
Terminals	16	77	8

1/ May not equal 100 percent due to rounding.

MAJOR DESTINATIONS BY RAIL
JUNE 1, 2000-MAY 31, 2001

Crop/Destination	By Districts										By Type of Elevator		
	NW	WC	SW	NC	C	SC	NE	EC	SE	State	Small Ctry Houses	Large Ctry Houses	Terminals
Wheat <u>2/</u>	Percent of Total Shipments <u>1/</u>												
Atchison, Kansas	5.4			2.4						0.7	2.0	1.1	
Hutchinson, Kansas		0.8			2.2	1.0				0.9	1.4	1.8	
Kansas City, KS & MO	64.9	7.0		53.1	5.4	3.3	100.0			13.9	23.9	27.6	
Salina, Kansas	14.1			8.4						2.1	3.3	4.3	
Topeka, Kansas				9.5						0.9		2.5	
Wichita, Kansas				15.8	2.0	3.5				2.6	4.1	5.4	
Other Kansas				0.5	35.5	44.4				17.4	0.3	8.2	30.5
Arizona			1.7							0.4		1.2	
California		4.9	11.3							3.4		9.5	
Iowa	2.8									0.3	1.5		
Michigan				9.5						0.9		2.5	
St. Louis, Missouri			0.8	0.7	0.4					0.4	0.2	1.1	
Other Missouri	11.4									1.1		3.0	
Nebraska	0.4									*	0.2		
Texas Inland Cities			1.8		0.5	0.9				0.7	0.4	1.9	
Texas Gulf Ports	1.1	29.0	83.6		53.2	36.1				45.6	61.4	11.0	66.0
Pacific Northwest		50.3								5.7		16.0	
Utah		7.9			0.8					1.1		3.2	
Mexico			0.8			10.8				1.9	1.2		3.5
All Other Destinations		0.1		0.1						*	0.1		
Corn <u>3/</u>													
Kansas City, KS & MO							1.4			1.0	31.3		
Arizona			13.2							3.1		15.8	
Arkansas							24.7			17.4			22.4
California			52.9			8.4				12.7		64.6	
Mississippi							24.7			17.4			22.4
Missouri							24.7			17.4			22.4
Oklahoma							24.7			17.4			22.4
Texas Inland Cities			33.9			33.5				9.1		6.3	10.2
Mexico				100.0		58.1				4.1	64.9	10.9	
All Other Destinations										0.4	3.8	2.4	0.2

1/ May not add to 100 percent due to rounding. 2/ No rail shipments reported or data not available in East Central or Southeast Districts. 3/ No rail shipments reported or data not available in Northwest, West Central, Central, East Central, & Southeast Districts. * Less than .1 percent.

MAJOR DESTINATIONS BY RAIL

JUNE 1, 2000-MAY 31, 2001

By Districts											By Type of Elevator		
Crop/Destination	NW	WC	SW	NC	C	SC	NE	EC	SE	State	Small Ctry Houses	Large Ctry Houses	Term- inals
Sorghum <u>2/</u>	Percent of Total Shipments <u>1/</u>												
Kansas City, KS & MO			0.3							0.1		0.5	
Salina, Kansas				31.2						2.5	3.7	11.3	
Other Kansas						6.5				2.4		18.6	
Arizona			2.5			8.4				3.7		4.4	5.3
California			1.9			9.1				3.8	0.1		6.4
Missouri							81.4			6.5			11.1
Texas Gulf Ports			95.3		19.5	35.1				39.5	71.9		32.6
Mexico					78.0	32.1				30.1		30.2	44.5
Pacific Northwest							0.4			*	0.1		
All Other Destinations				68.8	2.5	8.8	18.2			11.4	24.2	35.0	0.1
Soybeans <u>3/</u>													
Wichita, Kansas						26.5	0.1			6.1	0.9		6.7
St. Louis, Missouri	100.0									0.2		20.0	
St. Joseph, Missouri							2.1			1.6	16.8		
Other Missouri							17.7			13.3			14.9
Nebraska				100.0						1.1	11.8		
Texas Gulf Ports						44.1	71.0			63.4			70.9
Mexico						29.4				6.7			7.5
All Other Destinations							9.1			7.6	70.5	80.0	

1/ May not add to 100 percent due to rounding. 2/ No rail shipments reported or data not available in Northwest, West Central, East Central, or Southeast districts. 3/ No rail shipments reported or data not available in West Central, Southwest, Central, East Central, or Southeast Districts. * Less than .1 percent.

MAJOR DESTINATIONS BY TRUCK
JUNE 1, 2000-MAY 31, 2001

Crop/Destination	By Districts										By Type of Elevator		
	NW	WC	SW	NC	C	SC	NE	EC	SE	State	Small Ctry Houses	Large Ctry Houses	Terminals
Wheat	Percent of Total Shipments <u>1/</u>												
Atchison, Kansas							0.3				*		
Emporia, Kansas								1.0			*		
Hutchinson, Kansas		4.1	12.3		37.9	22.4				17.7	16.1	20.7	
Kansas City, MO & KS				3.1	2.9		0.6	35.6	14.8	2.7	4.4	0.1	
Salina, Kansas	26.0	4.4		59.0	15.4	0.3				8.5	9.5	7.1	
Topeka, Kansas				3.7	1.4		74.3	57.0	6.7	5.0	6.8	2.3	
Wichita, Kansas		24.3	28.8	0.3		21.2			5.7	13.2	15.5	8.3	61.1
Kansas Feedlots			3.5							0.4	0.6		
Other Kansas	2.6	53.5	20.1	18.9	18.8	14.6	0.4		7.1	16.9	17.3	15.8	38.9
Iowa				1.1						0.1	0.1		
Nebraska	24.9			10.3			24.4			2.6	1.4	4.6	
Enid, Oklahoma			12.9			24.5				10.6	9.8	12.1	
Port of Catoosa, OK						1.0		6.4	35.7	3.5	2.4	5.4	
Other Oklahoma									3.6	0.3	0.5		
Texas Gulf Ports			1.7							0.2		0.5	
All Other Destinations	46.5	13.7	20.7	3.6	23.6	16.0			26.4	18.3	15.6	23.1	
Corn													
Atchison, Kansas							10.3			0.5	2.3		
Emporia, Kansas								1.9	11.3	0.3	1.2		
Fredonia, Kansas									1.4	*	0.1		
Hutchinson, Kansas					7.2					0.6	2.6		
Kansas City, MO & KS							1.8	17.7	12.2	0.8	3.4		
Topeka, Kansas							66.9	4.6	3.5	3.6	14.0	0.5	
Kansas Feedlots	82.3	22.1	31.2	67.8	74.0	44.7		1.9		39.2	35.1	40.0	100.0
Other Kansas	12.1	19.0	14.0	28.8	2.1	33.7	0.5		8.9	14.9	5.9	17.7	
Arkansas								34.0		0.8	3.5		
Arkansas Feedyard							0.2			*			
Colorado		2.2								0.2		0.3	
Colorado Feedyard	1.4									0.2	0.7		
Florida							2.0			0.1	0.4		
St. Joseph, Missouri							8.4			0.4	1.9		
Other Missouri								19.0		0.5	2.0		
Nebraska							10.0			0.5		0.7	
Enid, Oklahoma						0.3				*		0.1	
Oklahoma Feedlots			1.3			10.3		0.9		2.0	0.2	2.6	
Other Oklahoma		1.1	5.5			5.7		1.3	6.0	3.6	0.7	4.5	
Texas Inland Cities			13.7							6.4		8.4	
Texas Feedlots			1.7			1.5				1.0		1.3	
All Other Destinations	4.2	55.6	32.6	3.4	16.7	3.8		18.7	56.7	24.4	26.0	23.9	

1/ May not add to 100 percent due to rounding. * Less than .1 percent.

MAJOR DESTINATIONS BY TRUCK
JUNE 1, 2000-MAY 31, 2001

By Districts											By Type of Elevator		
Crop/Destination	NW	WC	SW	NC	C	SC	NE	EC	SE	State	Small Ctry Houses	Large Ctry Houses	Term- inals
Sorghum	Percent of Total Shipments ^{1/}												
Atchison, Kansas							10.4	3.1		1.1	2.5		
Emporia, Kansas									3.5	0.3	0.7		
Hutchinson, Kansas					41.3	10.6				9.5	10.8	8.8	
Kansas City, MO & KS							0.2	5.3	19.2	1.8	4.2		
Salina, Kansas				45.8	18.7					8.0	7.4	8.6	
Topeka, Kansas							46.6	48.3		5.9	13.4	0.2	
Kansas Feedlots	34.5	31.7	14.6	3.3	4.8	1.9				9.2	4.5	12.3	26.3
Other Kansas	18.7	16.1	42.1	41.4	10.0	31.8	9.2	4.2		22.3	19.9	22.6	73.7
Arkansas								16.7	10.2	1.4	1.3	1.5	
Other Missouri								9.6		0.3	0.7		
Nebraska	27.4			4.9			33.6			3.9	0.4	6.7	
New Mexico			0.9							0.1		0.3	
Enid, Oklahoma	7.8					12.9				2.4	1.2	3.4	
Port of Catoosa, OK						0.3		11.9	8.8	1.2	2.6	0.1	
Oklahoma Feedlots			1.7							0.3		0.5	
Other Oklahoma						3.0		0.8		0.6	0.1	1.0	
All Other Destinations	11.6	52.2	40.7	4.6	25.2	39.5		0.1	58.3	31.7	30.3	34.0	
Soybeans													
Emporia, Kansas				40.1	24.6	3.6	21.2	28.6	35.2	19.0	24.1	14.6	
Fredonia, Kansas									8.7	1.4	2.5	0.1	
Hutchinson, Kansas		14.8			21.2	2.7		2.7		3.0	4.8	1.0	
Kansas City, MO & KS				2.8				53.3	2.2	6.0	10.8	0.5	
Salina, Kansas				5.9						0.5	0.9		
Topeka, Kansas							5.7	9.3	1.2	2.3	4.3		
Wichita, Kansas	42.3	49.5	94.8	49.4	43.3	52.6		5.6	5.2	32.3	15.9	45.5	100.0
Kansas Feedlots	16.9									0.4		0.9	
Other Kansas	11.8	3.7	0.9			31.2				5.0	2.0	18.1	
Arkansas									3.0	0.5	0.9		
St. Joseph, Missouri							60.6			12.4	22.9		
Nebraska	15.3			0.4			12.5			2.9	0.6	6.3	
Port of Catoosa, OK								0.5	0.3	0.1	0.1	0.1	
Other Oklahoma									3.3	0.5	1.0		
All Other Destinations	13.7	32.0	4.3	1.4	10.9	9.9			35.9	10.2	9.2	12.9	

^{1/} May not add to 100 percent due to rounding. * Less than .1 percent.

MAJOR DESTINATIONS, HISTORIC 1/ 2/

By Year								
Crop/Destination	1989	1990	1991	1992	1997	1998	1999	2000
Wheat	Percent of Total Shipments <u>3/</u>							
Hutchinson, Kansas	7.0	3.5	5.3	5.7	10.2	6.7	13.8	6.5
Kansas City, MO & KS	26.6	22.1	15.9	16.0	9.5	7.5	8.9	9.1
Salina, Kansas	7.0	6.6	6.1	5.5	8.9	3.7	4.9	4.0
Topeka, Kansas	5.4	5.8	4.2	2.7	3.3	2.1	2.4	2.2
Wichita, Kansas	11.6	6.3	4.5	7.2	15.1	8.5	12.5	6.2
Other Kansas	15.9	17.5	18.3	33.0	20.3	21.0	12.7	14.3
California				0.7	0.7		1.0	1.7
Nebraska	0.5	0.5	1.0	1.3	1.7	1.1	0.6	0.9
Enid, Oklahoma	2.3	1.0	0.7	0.4	2.0	4.6	3.6	3.6
Port of Catoosa, Oklahoma	0.4	1.3	1.2	0.6	1.3	0.7	0.8	1.2
Texas Gulf Ports	14.8	20.7	24.8	14.1	19.3	17.7	12.6	23.2
Mexico	2.7	2.7	3.4	2.7	1.4	0.8	1.3	2.3
All Other Destinations	5.8	12.0	14.6	10.1	6.3	25.6	24.9	24.8
Corn								
Kansas City, MO & KS	2.3	3.4	1.1	1.3	0.5	0.7	0.4	0.9
Topeka, Kansas	1.6	3.0	0.1	4.2	3.7	5.5	1.9	3.0
Kansas Feedlots	48.3	34.6	47.7	26.9	44.8	35.4	31.5	32.7
Other Kansas	10.1	17.6	19.3	43.7	19.0	5.5	14.3	8.8
Arizona						0.7	0.4	0.7
Arkansas	13.5	23.9	1.8	7.0	4.6	2.7	5.0	4.4
California <u>4/</u>	2.6	1.8	0.4			3.2	7.2	2.7
Oklahoma Feedlots	2.7	2.3	8.5	5.5	3.4	7.7	7.1	1.7
Other Oklahoma	7.8	3.0	1.7	1.6	4.8	5.0	11.6	6.1
Texas Feedlots	5.4	4.2	4.3	1.9	7.5	7.9	3.7	0.8
Texas Inland Cities	2.9	1.4	6.9	1.7	6.7	0.8	0.4	7.3
All Other Destinations	2.8	4.8	8.2	6.2	5.0	24.9	16.5	30.9

1/ No data collected in 1993-1996. 2/ Data prior to 1997 was for the period July-June. 3/ May not add to 100 percent due to rounding. 4/ Includes feedlots.

MAJOR DESTINATIONS, HISTORIC 1/ 2/

By Year								
Crop/Destination	1989	1990	1991	1992	1997	1998	1999	2000
Sorghum	Percent of Total Shipments <u>3/</u>							
Atchison, Kansas	1.5	1.8	1.4	0.9	1.6	1.7	0.9	0.5
Hutchinson, Kansas	5.6	3.8	2.6	6.9	8.7	4.8	7.5	4.8
Kansas City, MO & KS	11.9	9.2	6.1	6.6	1.0	0.6	0.7	0.9
Salina, Kansas	3.2	3.8	1.8	6.5	9.2	4.5	4.7	5.2
Topeka, Kansas	2.2	1.9	2.5	5.6	5.3	5.5	3.1	2.9
Kansas Feedlots	24.2	14.0	19.2	8.1	7.7	9.4	6.8	4.6
Other Kansas	9.8	19.2	19.4	31.4	17.7	10.4	15.6	12.0
Arizona						0.6	8.5	1.8
Arkansas	8.3	11.6	3.5	3.9	6.8	1.6	2.9	0.7
California	2.2	1.8	2.4	0.1	1.8	2.1	*	1.9
Nebraska	0.1		0.2	0.3	1.2	2.0	3.2	1.9
Enid, Oklahoma						0.5	1.4	1.2
Port of Catoosa, Oklahoma							1.5	0.6
Texas Gulf Ports	9.2	10.5	1.9	8.4	17.9	13.7	10.5	19.7
Mexico	5.3	10.3	18.6	7.3	9.3	7.1	8.5	15.0
All Other Destinations	16.5	12.1	20.4	14.0	11.8	35.5	24.2	26.3
Soybeans								
Emporia, Kansas	30.1	24.5	28.6	24.2	22.1	22.6	8.6	10.3
Fredonia, Kansas	8.6	6.6	8.1	7.0	8.1	3.6	3.5	0.7
Hutchinson, Kansas	*	0.9	1.2	0.9	2.5	1.1	2.3	1.6
Kansas City, MO & KS	15.4	22.1	4.1	8.0	7.6	3.9	2.4	3.3
Topeka, Kansas	1.6	1.1	1.0	3.3	5.4	2.4	3.6	1.2
Wichita, Kansas	25.8	11.0	13.7	8.9	22.1	12.5	18.7	20.3
Other Kansas	0.7	4.5	12.4	17.7	4.3	4.5	1.7	4.6
Nebraska		0.8	*		0.5			2.1
St. Joseph, Missouri	4.7	3.3	4.8	3.0	7.7	10.1	9.6	7.4
Texas Gulf Ports	2.2	1.4	8.5	2.6	3.4	2.1	5.2	29.1
Mexico		21.9	16.5	19.7	8.5	1.8	9.3	3.1
All Other Destinations	10.9	1.9	1.1	4.7	7.8	35.1	35.1	16.3

1/ No data collected in 1993-1996. 2/ Data prior to 1997 was for period July-June. 3/ May not add to 100 percent due to rounding. * Less than .1 percent.

GRADING AND SAMPLING

Eighty-nine percent of the responding elevators sample incoming grain. Of those sampling, the most commonly used method of extracting samples was hand probe. Factors commonly tested include moisture, test weight, foreign material, insect infestation, and other damage.

PERCENT OF KANSAS ELEVATORS SAMPLING GRAIN RECEIVED BY DISTRICT JUNE 1, 2000-MAY 31, 2001

	NW	WC	SW	NC	C	SC	NE	EC	SE	State	Small Ctry Houses	Large Ctry Houses	Terminals
Percent of Elevators Receiving Grain													
Did Sampling	90	80	100	87	84	96	88	93	80	89	88	92	100
Extracted Samples by <u>1/</u>													
Hand Probe	44	75	44	77	67	69	79	100	83	70	78	60	17
Mechanical	67	38	81	23	33	58	50	15	17	44	31	69	100
Grading Factors Tested													
Moisture	100	100	100	100	100	100	100	100	100	100	100	100	100
Test Weight	100	100	100	100	100	100	100	100	100	100	100	100	100
Foreign Material	100	88	56	92	76	96	93	100	100	88	88	86	100
Protein Content	56	25	31	8	43	23	7	15	25	26	15	43	83
Oil Content	11	13	-	-	10	4	-	-	17	5	8	-	-
Insect Infestation	89	75	69	77	57	85	93	54	75	74	67	89	100
Other Damage	67	50	31	38	29	62	71	54	50	49	46	51	83
Milling Quality/ Variety Specific	11	-	-	-	5	12	-	8	8	5	2	11	17
Organic/Pesticide Free	11	13	-	8	5	-	-	-	-	3	3	3	-

1/ May exceed 100 percent if elevators reported using more than one method for sampling grain.

KANSAS ELEVATORS SAMPLING GRAIN SHIPMENTS FOR GRADE DETERMINATION 1/ BY DISTRICT, JUNE 1, 2000-MAY 31, 2001

District/ Type of Elevator	Sampling Rail Shipments	Sampling Truck Shipments	Sample Obtained by			Sampling Done by				Grade Determined by		
			Hand Probe	Mechan. Pneumatic	Other	Em- ployee	Contract Sampler	KGIS (State)	Other	KGIS (State)	FGIS	Other
	Percent of Elevators <u>2/</u>											
NW	100	67	100	44	11	67	33	67	-	100	-	22
WC	88	25	63	25	13	25	13	88	-	88	-	13
SW	75	58	67	50	-	58	42	50	-	83	-	25
NC	100	-	100	-	-	-	50	50	-	100	-	-
C	58	50	58	50	-	58	25	25	-	83	-	17
SC	67	75	67	75	-	75	33	42	-	75	-	58
NE	83	17	83	17	-	17	-	83	-	83	-	17
EC	33	67	100	-	-	67	-	33	-	33	33	33
SE	50	75	100	-	-	75	25	25	-	50	-	50
State	75	50	76	39	3	51	28	51	-	82	1	26
Sm Ctry	66	45	82	26	3	47	16	47	-	76	3	24
Lrg Ctry	83	55	79	45	3	55	45	48	-	86	-	28
Terminals	100	60	20	100	-	60	20	100	-	100	-	40

1/ Sampling of barge shipments not published due to insufficient data. 2/ May exceed 100 percent if elevators reported using more than one method for sampling grain.

Seventy-five percent of those elevators responding stated they sampled rail shipments and 50 percent sampled truck shipments. The most commonly used method of sampling was by hand probe at 76 percent. Fifty-one percent replied that the sampling was done by an employee. Fifty-one percent of elevators also used Kansas Grain Inspection Service, Inc. to sample shipments. Twenty-eight percent had sampling performed by a contract sampler. KGIS determined 82 percent of the grades.

**KANSAS ELEVATORS SAMPLING GRAIN SHIPMENTS 1/ 2/
FOR GRADE DETERMINATION, BY YEAR**

Crop Year/ Type of Elevator	Percent of Elevators Sampling		Of Elevators Sampling, Percent Using		
	Rail	Truck	FGIS (Federal)	KGIS (State)	Other <u>3/</u>
1989 State Av.	88	17	4	97	
1990 State Av.	84	18	2	99	
Sm Ctry Houses	83	17	1	99	
Lg Ctry Houses	82	21	5	97	
Terminals	100	63	8	100	
1991 State Av.	92	19	8	98	
Sm Ctry Houses	93	17	6	98	
Lg Ctry Houses	93	30	10	95	
Terminals	75	60	33	100	
1992 State Av.	92	23	5	89	8
Sm Ctry Houses	90	20	4	88	9
Lg Ctry Houses	100	37	12	93	2
Terminals	78	100	14	100	
1997 State Av.	74	42	1	82	25
Sm Ctry Houses	73	41	1	82	20
Lg Ctry Houses	75	44	-	81	29
1998 State Av.	83	32	2	90	13
Sm Ctry Houses	81	32	1	88	16
Lg Ctry Houses	85	33	2	93	9
1999 State Av.	76	41	5	82	26
Sm Ctry Houses	72	37	2	79	28
Lg Ctry Houses	78	48	7	85	19
Terminals	100	25	25	100	50
2000 State Av.	75	50	1	82	26
Sm Ctry Houses	66	45	3	76	24
Lg Ctry Houses	83	55	-	86	28
Terminals	100	60	-	100	40

1/ No data collected in 1993-1996. 2/ For years prior to 1997, the data applied to July-June periods. 3/ Data first collected in 1992.

GRAIN QUALITY ADJUSTMENTS

The 2000 Grain Transportation survey collected information about price deductions or premiums paid for the four grains targeted in the questionnaire. Price discounting was reported for all of the grains. Sixty-three percent of the elevators reporting indicated that they started discounting the price paid for wheat at an average of 0.7 percent dockage. For corn, 21 percent of the elevators said they started discounting price at an average of 1.9 percent dockage. Nineteen percent of the reporting Kansas elevators stated that discounts on sorghum began at an average of 2.5 percent dockage. Finally, 53 percent of the elevators reporting indicated that soybean price discounts started at an average of 1.0 percent dockage.

Information regarding premiums paid for wheat, corn, and soybeans was also collected. Of the elevators responding, premiums were reported being paid only for wheat. Fifteen percent of the elevators responding statewide reported offering premiums for wheat. Most of these elevators paying premiums were located in the South Central district of the State. Elevators indicated that they began paying a price premium at an average of 12 percent protein.

DOCKAGE RESULTING IN PRICE DISCOUNT, 2000 KANSAS GRAIN MARKETING, BY DISTRICT

Crop/District	% Reporting Discount for Dockage	Dockage % at Which Discount Began	Avg. % at Which Discount Began	% Reporting Discount for Dockage	Dockage % at Which Discount Began	Avg. % at Which Discount Began
		Range			Range	
	Wheat			Corn <u>1/</u>		
NW	80	0.1-0.8	0.4	-		
WC	50	0.5-0.8	0.6	30	0.5-3.0	1.4
SW	50	0.5-1.0	0.7	-		
NC	60	0.1-1.0	0.4	20	0.1-3.0	1.4
C	57	0.1-2.0	0.7	14	2.0-4.0	2.9
SC	79	0.4-2.1	0.8	9	0.5-3.0	1.9
NE	61	0.1-1.0	0.5	44	3.0-3.1	3.0
EC	50	0.5-2.0	1.2	36	1.0-3.1	1.8
SE	67	0.1-1.5	0.7	27	0.1-1.0	0.8
State	63	0.1-2.1	0.7	21	0.1-4.0	1.9
	Sorghum <u>1/</u>			Soybeans		
NW	-			70	0.5-1.1	1.0
WC	30	0.5-5.0	2.0	40	0.5-1.1	0.8
SW	-			44	0.5-1.1	0.9
NC	-			47	0.1-1.1	0.7
C	11	2.0-2.6	2.4	46	1.0-2.0	1.1
SC	24	0.5-7.0	2.1	50	0.3-2.0	1.0
NE	33	2.5-7.0	5.6	67	1.0-1.1	1.0
EC	36	1.0-2.6	1.7	50	1.0-2.1	1.3
SE	20	1.0-1.0	1.0	67	0.1-2.0	1.0
State	19	0.1-7.0	2.5	53	0.1-2.1	1.0

^{1/} Some districts were not published due to insufficient data.

GRAIN PROCESSING

Some elevators process grain for feed on site. Corn, sorghum, and soybeans are the usual grains processed for feed. For the crop year June 2000-May 2001 4 percent of the corn and 5 percent of the sorghum received at elevators was processed on site into feed. A small percentage of wheat was processed for feed, but a much larger percent of wheat was processed on site for flour. For the 2000 crop year, 27 percent of the total wheat received at elevators was processed for flour. Elevators reported processing 61 percent of soybeans received on site. Too few reports were obtained to publish soybean processing data by district.

GRAIN PROCESSED ON SITE AT KANSAS ELEVATORS BY DISTRICT JUNE 1, 2000-MAY 31, 2001

District/ Type of Elevator	Percent of Total Receipts Processed for Feed				Percent of Total Receipts Processed for Flour
	Wheat	Corn	Sorghum	Soybeans	Wheat
NW	-	1	1/	-	-
WC	1/	10	4	-	-
SW	1/	2	1	-	-
NC	-	30	7	-	-
C	1/	9	6	-	1/
SC	2	2	3	1/	39
NE	*	3	1	1/	1/
EC	-	20	13	1/	1/
SE	*	15	22	-	1/
State	1	4	5	61	27
Sm Ctry Houses	*	10	6	81	21
Lrg Ctry Houses	1	4	7	-	28
Terminals	-	-	-	-	1/

1/ Not published due to insufficient data. * Less than .5 percent.

GRAINS PROCESSED ON SITE AT KANSAS ELEVATORS, BY YEAR 1/ 2/

Crop Year/ Type of Elevator	Percent of Total Receipts Processed for Feed				Percent of Total Receipts Processed for Flour
	Wheat 3/	Corn	Sorghum	Soybeans 4/	Wheat 5/
1989 State Av.		10	8		
1990 State Av.		8	11		
Sm Ctry Houses		14	19		
Lg Ctry Houses		4	4		
1991 State Av.		11	13		
Sm Ctry Houses		16	22		
Lg Ctry Houses		8	7		
1992 State Av.		9	10		13
Sm Ctry Houses		14	17		8
Lg Ctry Houses		5	5		13
Terminals		2			21
1997 State Av.	1	5	5		8
Sm Ctry Houses	2	7	7		9
Lg Ctry Houses	-	4	4		8
1998 State Av.	*	4	7	33	10
Sm Ctry Houses	*	9	7	1	5
Lg Ctry Houses	*	3	7	47	12
1999 State Av.	*	8	5	45	21
Sm Ctry Houses	1	14	6	1	12
Lg Ctry Houses	-	8	5	-	-
Terminals	-	-	-	74	59
2000 State Av.	1	4	5	61	27
Sm Ctry Houses	*	10	6	81	21
Lg Ctry Houses	1	4	7	-	28
Terminals	-	-	-	-	6/

1/ No data collected in 1993-1996. 2/ For years prior to 1997, the data applied to July-June periods. 3/ Data on wheat processed for feed first collected in 1997. 4/ Data on soybeans processed for feed first collected in 1998. 5/ Data first collected in 1992. 6/ Not published due to insufficient data.* Less than .5 percent.

STORAGE CAPACITY UTILIZATION

When the new marketing year began on June 1, 2000, 4 percent of the utilized off-farm storage capacity in Kansas was taken up by government-owned grain, 50 percent by farmer-owned grain, and 46 percent by company-owned grain. Based on the June 1 stocks report, elevators had approximately 266 million bushels of wheat, corn, sorghum, and soybeans on hand.

UTILIZATION OF KANSAS COMMERCIAL GRAIN STORAGE CAPACITY BY DISTRICT, JUNE 1, 2000

District/ Type of Elevator	Government Owned Grain	Farmer Owned Grain	Company Owned Grain
Percent of Stored Grain			
NW	4	62	34
WC	8	81	11
SW	-	61	39
NC	8	79	14
C	8	29	63
SC	2	39	59
NE	1	49	50
EC	2	45	53
SE	1/	77	23
State	4	50	46
Sm Ctry Houses	4	70	26
Lrg Ctry Houses	2	62	36
Terminals	8	12	80

1/ Data not published due to insufficient number of reports.

MARKETING DECISIONS

Decisions to buy grain were made locally by 84 percent of the elevators responding to this survey. Decisions to sell grain and set cash prices were made on site by 67 and 69 percent of the elevators. The average number of bids considered in setting prices was four. Nine percent of responding elevators reported they did utilize differential grain pricing at individual locations. In addition, 53 percent responded positively to offering formal farmer marketing programs.

GRAIN MARKETING DECISIONS MADE AT KANSAS ELEVATORS BY DISTRICT, JUNE 1, 2000-MAY 31, 2001

District/ Type of Elevator	To Buy Grain	To Sell Grain	To Set Cash Grain Prices	If Prices Set, Average No of Bids Considered
Percent of Elevators				
NW	100	80	80	4
WC	100	70	80	4
SW	88	56	56	2
NC	93	93	100	3
C	64	50	54	4
SC	71	47	53	3
NE	94	72	56	4
EC	93	86	93	4
SE	93	93	93	3
State	84	67	69	4
Sm Ctry Houses	80	66	67	3
Lrg Ctry Houses	95	74	77	4
Terminals	88	50	63	6

GRAIN MARKETING DECISIONS MADE AT KANSAS ELEVATORS, BY YEAR 1/ 2/

Crop Year/ Type of Elevator	To Buy Grain	To Sell Grain	To Set Cash Grain Prices	If Prices Set, Avg. No. of Bids Considered
	Percent of Elevators Making Decisions on Site			
1989 State Av.	77	69	68	4
1990 State Av.	78	70	68	4
Sm Ctry Houses	79	70	69	4
Lg Ctry Houses	79	75	77	5
Terminals	59	41	53	3
1991 State Av.	76	69	65	4
Sm Ctry Houses	74	67	62	4
Lg Ctry Houses	90	78	86	5
Terminals	78	78	22	3
1992 State Av.	76	66	63	4
Sm Ctry Houses	74	65	60	3
Lg Ctry Houses	94	86	86	5
Terminals	50	30	60	6
1997 State Av.	95	76	77	4
Sm Ctry Houses	94	78	76	4
Lg Ctry Houses	97	74	80	6
1998 State Av.	84	72	72	4
Sm Ctry Houses	80	74	67	4
Lg Ctry Houses	95	77	84	5
1999 State Av.	81	66	67	4
Sm Ctry Houses	75	60	62	4
Lg Ctry Houses	100	92	84	5
Terminals	67	33	56	5
2000 State Av.	84	67	69	4
Sm Ctry Houses	80	66	67	3
Lg Ctry Houses	95	74	77	4
Terminals	88	50	63	6

1/ No data collected 1993-96. 2/ For years prior to 1997, the data applied to July-June periods.

RAIL SERVICE

Rail service was available from June 1, 2000 to May 31, 2001 to 83 percent of the elevators responding to this survey, but only 48 percent of the elevators actually used rail service. Of the small country elevators, 18 percent had no rail service access, 48 percent did not use rail service although it was available, and 35 percent used rail cars to ship grain. Eighteen percent of the large elevators did not have access to rail service, 5 percent did not use rail service even though it was an option, and 77 percent of the large elevators used rail service. All of the terminal elevators reporting had access to and used rail service.

On the average, service was available four days per week at both small and large country elevators. Rail service was available to terminals on the average, seven days per week. The siding capacity averaged 14 cars at small country elevators, 32 cars at large country elevators, and 94 cars at terminal elevators.

Single car service was used by 77 percent of elevators with rail service, while unit train usage was reported by 40 percent. The average number of cars per unit train, as reported by the survey, was 49. The need for rail cars seemed to be greater than the number of cars received. The following tables reflect those shortages during peak usage times.

RAIL SERVICE USE BY KANSAS ELEVATORS

District/ Type of Elevator	No Rail Service Available	Elevators That Use Rail Service	Elevators That Do Not Use Rail Service Though Available
	Percent ^{1/}		
NW	-	100	-
WC	10	80	10
SW	13	81	6
NC	13	40	47
C	14	50	36
SC	26	38	35
NE	39	39	22
EC	-	21	79
SE	13	20	67
State	17	48	35
<hr style="border-top: 1px dashed black;"/>			
Sm Ctry Houses	18	35	48
Lg Ctry Houses	18	77	5
Terminals	-	100	-

^{1/} May not add to 100 percent due to rounding.

**RAIL SERVICE AVAILABILITY TO KANSAS ELEVATORS
BY DISTRICT, JUNE 1, 2000-MAY 31, 2001**

District/ Type of Elevator	Elevators Which Use Rail Service	June- August 2000	Sept.- Nov. 2000	Dec.- Feb. 2001	March- May 2001	Available Only When Called	Average Siding Capacity
	Percent	Days Per Week Rail Service Available				Percent	No./Cars
NW	100	3	3	3	3	50	15
WC	80	3	3	3	3	38	29
SW	81	5	5	5	5	54	37
NC	40	5	5	5	5	1/	33
C	50	5	5	5	4	36	31
SC	38	5	5	5	5	-	30
NE	39	5	5	4	4	1/	33
EC	21	6	6	6	6	-	21
SE	20	1/	1/	1/	1/	1/	8
State	48	5	5	4	4	31	29
Sm Cntry Houses	35	4	4	4	4	36	14
Lg Cntry Houses	77	4	4	4	4	33	32
Terminals	100	7	7	7	7	-	94

1/ Data not published due to insufficient number of reports.

RAIL SERVICE AVAILABILITY TO KANSAS ELEVATORS, BY YEAR, 1/ 2/

District/ Type of Elevator	Elevators Which Use Rail Service	June- Aug.	Sept.- Nov.	Dec.- Feb.	March- May	Available Only When Called	Average Siding Capacity
	Percent	Days/Week Rail Service Available				Percent	No./Cars
1989 State Av.	85	4	3	3	4	28	14
1990 State Av.	74	3	3	3	3	23	15
Sm Ctry Houses	71	3	3	3	3	24	11
Lg Ctry Houses	85	4	4	4	4	18	20
Terminals	88	5	5	5	5	7	69
1991 State Av.	81	3	3	3	3	8	13
Sm Ctry Houses	74	3	3	3	3	8	10
Lg Ctry Houses	85	4	4	4	4	10	20
Terminals	99	6	6	6	6		52
1992 State Av.	68	3	3	3	3	10	14
Sm Ctry Houses	65	3	3	3	3	10	11
Lg Ctry Houses	86	4	4	4	4	12	20
Terminals	90	6	6	6	6		52
1997 State Av.	54	3	3	3	3	25	19
Sm Ctry Houses	46	3	3	3	3	26	11
Lg Ctry Houses	72	4	4	4	4	24	30
1998 State Av.	48	4	4	4	4	24	20
Sm Ctry Houses	41	4	4	5	4	21	13
Lg Ctry Houses	69	4	4	4	4	30	31
1999 State Av.	45	4	4	4	4	31	25
Sm Ctry Houses	32	3	3	3	3	36	13
Lg Ctry Houses	68	4	4	5	4	35	33
Terminals	100	6	6	6	6	-	48
2000 State Av.	48	5	5	4	4	31	29
Sm Ctry Houses	35	4	4	4	4	36	14
Lg Ctry Houses	77	4	4	4	4	33	32
Terminals	100	7	7	7	7	-	94

1/ No data collected 1993-96. 2/ For years prior to 1997, the data applied to July-June periods.

RAIL SERVICES USED BY KANSAS ELEVATORS BY DISTRICT
JUNE 1, 2000-MAY 31, 2001

District/Type of Elevator	Of Elevators With Rail Service, Percent Using:			
	Single Cars	Unit Train	Avg. No. of Cars in Unit Train	Minimum Volume Contract
	Percent		No. of Cars	
NW	90	50	72	10
WC	75	25	1/	-
SW	54	62	45	8
NC	83	33	1/	-
C	71	29	56	7
SC	77	46	51	-
NE	100	29	1/	-
EC	100	33	1/	-
SE	67	33	1/	-
State	77	40	49	4
Sm Cntry Houses	82	26	36	3
Lg Cntry Houses	73	47	47	3
Terminals	63	88	70	13

1/ Data not published due to insufficient number of reports.

RAIL SERVICE DURING PEAK USAGE TIMES

District/Type of Elevator	Average Number of Cars Per Week							
	June - August		Sept. - Nov.		Dec. - Feb.		March - May	
	Needed	Rec'd	Needed	Rec'd	Needed	Rec'd	Needed	Rec'd
NW	15	13	10	9	22	16	43	35
WC	8	6	12	12	15	14	23	22
SW	50	44	46	46	33	33	42	42
NC	106	86	71	58	53	49	46	46
C	35	30	29	29	25	25	14	14
SC	24	22	16	18	13	15	12	10
NE	10	10	12	11	9	9	9	9
EC	1/	1/	1/	1/	1/	1/	1/	1/
SE	1/	1/	1/	1/	1/	1/	1/	1/
State	36	31	28	27	25	24	26	25
Sm Cntry Houses	21	19	16	15	14	13	12	13
Lg Cntry Houses	46	37	25	23	23	23	29	26
Terminals	66	64	110	110	88	88	82	82

1/ Data not published due to insufficient number of reports.

COMPANIES SUPPLYING RAIL SERVICE TO ELEVATORS

	BNSF <u>1/</u>	UPSP <u>2/</u>	Other
	Percent		
State	25	29	43
Sm Ctry Houses	31	26	41
Lg Ctry Houses	13	27	57
Terminals	38	50	-

1/ Burlington Northern Santa Fe. 2/ Union Pacific Southern Pacific.

RAIL SERVICES USED BY KANSAS ELEVATORS BY YEAR 1/ 2/ 3/

District/Type of Elevator	Of Elevators With Rail Service, Percent Using:		
	Single Cars	Unit Cars	Minimum Volume Contract
1989 State Av.	53	9	12
1990 State Av.	48	8	11
Sm Ctry Houses	47	5	10
Lg Ctry Houses	50	9	11
Terminals	57	64	43
1991 State Av.	26	5	7
Sm Ctry Houses	24	3	5
Lg Ctry Houses	36	7	10
Terminals	40	70	50
1992 State Av.	21	4	7
Sm Ctry Houses	19	2	5
Lg Ctry Houses	32	15	15
Terminals	45	55	36
1997 State Av.	70	38	14
Sm Ctry Houses	68	30	16
Lg Ctry Houses	73	50	12
1998 State Av.	69	25	10
Sm Ctry Houses	72	15	9
Lg Ctry Houses	64	42	11
1999 State Av.	79	32	17
Sm Ctry Houses	92	17	14
Lg Ctry Houses	65	38	19
Terminals	67	78	22
2000 State Av.	77	40	4
Sm Ctry Houses	82	26	3
Lg Ctry Houses	73	47	3
Terminals	63	88	13

1/ No data collected 1993-96. 2/ A questionnaire design change in the 1997 survey makes the 1997 data incompatible with the historic series. 3/ For years prior to 1997, the data applied to July-June periods.

KANSAS GRAIN STOCKS, BY QUARTERS, 2000-2001

Crop/Position	September 1, 2000	December 1, 2000	March 1, 2001	June 1, 2001
Wheat	Million Bushels			
On Farms	43.0	30.0	21.0	8.0
Off Farms <u>1/</u>	341.5	244.9	196.8	148.2
Total <u>2/</u>	384.5	274.9	217.8	156.2

Crop/Position	December 1, 2000	March 1, 2001	June 1, 2001	September 1, 2001
Corn	Million Bushels			
On Farms	100.0	60.0	33.0	11.0
Off Farms <u>1/</u>	164.8	128.3	77.7	37.7
Total <u>2/</u>	264.8	188.3	110.7	48.7
Sorghum				
On Farms	35.0	19.0	8.0	4.0
Off Farms <u>1/</u>	93.9	62.4	27.1	18.9
Total <u>2/</u>	128.9	81.4	35.1	22.9
Soybeans				
On Farms	13.0	9.0	5.0	1.6
Off Farms <u>1/</u>	35.0	26.2	13.1	5.8
Total <u>2/</u>	48.0	35.2	18.1	7.4

1/ Includes stocks at mills, elevators, warehouses, terminals, and processors. 2/ May not add due to rounding.

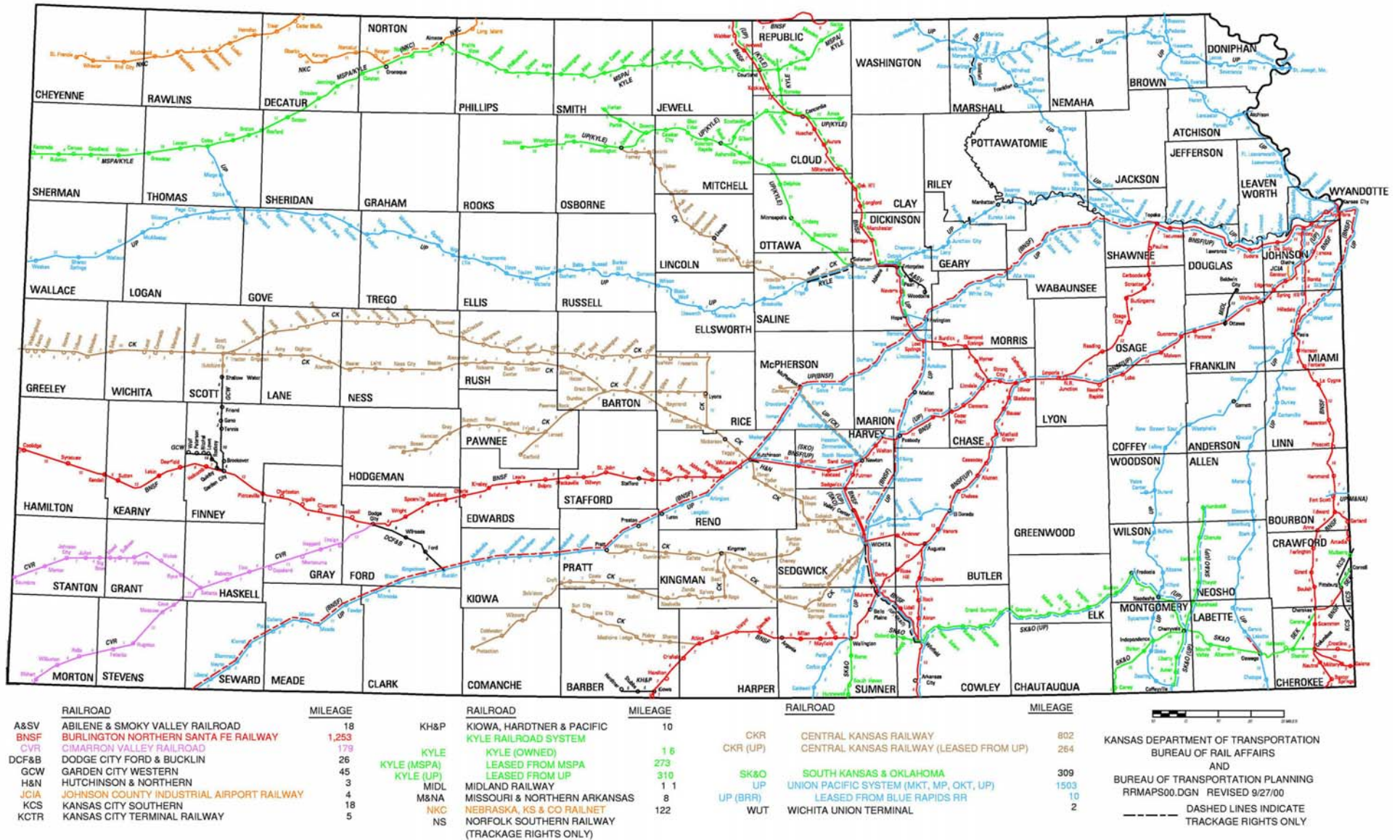
PRICES RECEIVED BY KANSAS FARMERS FOR 2000 GRAIN SALES

Crop/District	2000							2001				
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
	Dollars per Bushel											
Wheat												
NW	2.56	2.48	2.47	2.62	2.75	2.84	2.87	2.88	2.81	2.88	2.66	2.93
WC	2.55	2.46	2.39	2.55	2.73	2.83	2.86	2.91	2.79	2.91	2.71	2.94
SW	2.60	2.42	2.43	2.57	2.81	2.84	2.86	2.86	2.78	2.91	2.69	2.94
NC	2.58	2.43	2.44	2.58	2.79	2.85	2.91	2.95	2.84	2.90	2.73	2.98
C	2.61	2.44	2.43	2.62	2.85	2.88	2.94	2.99	2.86	2.96	2.73	3.02
SC	2.60	2.42	2.41	2.57	2.75	2.81	2.89	2.92	2.84	2.93	2.76	3.03
NE	2.64	2.44	2.48	2.65	2.75	2.85	2.89	2.99	2.86	2.95	2.65	3.04
EC	2.60	2.37	2.42	2.55	2.66	2.83	2.75	2.89	2.81	2.83	2.50	2.86
SE	2.59	2.38	2.38	2.45	2.67	2.86	2.82	2.88	2.78	2.89	2.68	2.97
State	2.59	2.43	2.43	2.58	2.77	2.84	2.88	2.92	2.82	2.92	2.71	2.98

Crop/District	2000				2001							
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
	Dollars per Bushel											
Corn												
NW	1.86	1.92	1.96	2.00	1.98	1.90	1.98	1.96	1.85	1.86	1.93	1.93
WC	1.92	2.01	2.11	2.12	2.06	2.01	2.08	2.07	1.94	1.96	2.11	2.06
SW	2.03	2.12	2.22	2.23	2.18	2.14	2.18	2.13	1.98	2.06	2.23	2.11
NC	1.77	1.81	1.92	1.98	1.94	1.93	1.90	1.88	1.78	1.76	1.84	1.79
C	1.88	1.91	2.02	2.08	2.03	1.98	2.06	1.99	1.84	1.83	1.92	1.93
SC	1.96	1.98	2.09	2.09	2.12	2.03	2.07	2.04	1.86	1.89	1.96	1.97
NE	1.68	1.72	1.86	1.91	1.90	1.87	1.93	1.91	1.74	1.74	1.83	1.81
EC	1.66	1.64	1.89	1.88	1.89	1.90	1.90	1.75	1.73	1.71	1.74	1.67
SE	1.67	1.77	2.02	1.98	2.06	1.99	2.14	2.05	1.89	1.89	1.88	1.88
State	1.90	1.96	2.07	2.07	2.07	2.02	2.07	2.02	1.88	1.92	2.03	1.96
	Dollars per Bushel											
Soybeans <u>1/</u>												
NW												
WC	4.45	4.31	4.46	4.60	4.50	4.23	4.11	3.86	4.03	4.58	4.73	4.79
SW												
NC	4.50	4.40	4.48	4.70	4.45	4.26	4.11	3.97	4.12	4.25	4.77	4.84
C	4.61	4.49	4.57	4.74	4.54	4.32	4.17	3.98	4.19	4.38	4.86	4.96
SC	4.60	4.47	4.55	4.77	4.49	4.33	4.24	4.03	4.21	4.39	4.83	4.94
NE	4.60	4.39	4.53	4.73	4.52	4.39	4.27	4.10	4.23	4.47	4.93	5.02
EC	4.57	4.49	4.54	4.63	4.54	4.44	4.25	3.96	4.29	4.48	4.92	4.96
SE	4.55	4.58	4.60	4.71	4.57	4.31	4.16	4.01	4.21	4.42	4.82	5.02
State	4.57	4.46	4.55	4.70	4.53	4.36	4.22	4.01	4.22	4.42	4.87	4.94
	Dollars per Cwt.											
Sorghum												
NW	2.62	2.94	3.10	3.40	3.15	3.08	3.15	2.80	3.04	3.20	3.18	3.20
WC	2.66	2.98	3.17	3.45	3.23	3.15	3.14	2.82	3.08	3.14	3.38	3.36
SW	2.81	3.16	3.30	3.62	3.34	3.30	3.34	3.00	3.25	3.38	3.32	3.54
NC	2.55	2.94	3.20	3.50	3.28	3.29	3.18	2.91	3.15	3.28	3.21	3.24
C	2.73	3.00	3.23	3.59	3.39	3.33	3.24	2.88	3.25	3.32	3.31	3.40
SC	2.68	2.91	3.17	3.47	3.26	3.26	3.27	2.94	3.14	3.30	3.34	3.45
NE	2.56	2.82	3.11	3.40	3.25	3.25	3.18	2.88	3.15	3.28	3.34	3.34
EC	2.44	2.52	3.09	3.36	3.25	3.31	3.13	2.77	3.07	3.24	3.03	3.08
SE	2.47	2.73	3.17	3.40	3.23	3.32	3.16	2.86	3.26	3.29	3.09	3.25
State	2.64	2.93	3.19	3.49	3.30	3.27	3.21	2.89	3.17	3.28	3.27	3.33

SOURCE: Monthly Probability Grain Price Survey. 1/ Soybean prices for Northwest, Southwest, and West Central combined due to insufficient data.

Kansas Railroad Map



Source: Kansas Department of Transportation, April 1, 2001.